



Safety Data Sheet

ProVis HYB


Last Revised Feb '20

Supersedes
Version

Section 1. Product and Company Identification

Product ID/Product Name	ProVis HYB
Recommended Use	Well Drilling
Supplier Information	ProAction Fluids 9706 St. Vincent Ave Shreveport, LA 71106
In case of emergency	(866)-290-5029

Section 2. Hazards Identification

Health Hazards		Physical Hazards	
Acute Toxicity		Flammable Liquid	
Skin Corrosion/Irritation			
Carcinogenicity		WHMIS Classification:	
Eye Damage/Eye Irritation			
GHS Labels:		Signal Word:	
		Danger	
Hazard Statements		Precautionary Statements	
Causes skin irritation, serious eye damage, may cause cancer, causes damage to organs through prolonged or repeated exposure.		Do no breath dust. Wear protective gloves, clothing, and eye protection.	

Section 3. Composition / Information on Ingredients

Ingredient(s)	CAS #	EINECS #	Concentration (%)
Trade Secret	-	-	-

Section 4. First Aid Measures

Eye Contact	Rinse cautiously with water for at least 3-10 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists.
Skin Contact	Remove contaminated clothing. Flush with plenty of water for at least 3-10 minutes. Seek medical advice if irritation develops or persists. Wash contaminated clothing before reuse.
Inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
Ingestion	Do not induce vomiting. Rinse mouth. Seek medical attention if any problems arise.
General	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

Section 5. Firefighting Measures

Suitable Extinguishing Media	Alcohol-resistant foam. Dry chemical. Carbon dioxide.
Unsuitable Extinguishing Media	Do not use a heavy water stream.
Hazards Arising From The Chemical	Reacts with water.

Protective Actions For Fire-Fighters	Do not enter fire are without proper protective equipment, including respiratory protection
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Section 6. Accidental Release Measures

Personal Precautions And Protective Equipment	Avoid all contact with skin, eyes, or clothing. Avoid breathing dust. Use appropriate personal protection equipment (PPE).
Environmental Precautions	Prevent entry to sewers and public waters.
Methods And Materials for Containment and Clean Up	Contain and collect as any solid. Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal.

Section 7. Handling and Storage

Handling Precautions	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work.
Storage Conditions	Store in a dry, cool, and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures, and incompatible materials such as water and strong acids and oxidizers.

Section 8. Exposure Controls / Personal Protection

Occupational Exposure Limit(s)	Ingredient	CAS #	Exposure Limit
	Silica, amorphous	7631-86-9	6 mg/m ³
	Iron oxides	13332-37-2	5 mg/m ³
	Magnesium oxide	1309-48-4	15 mg/m ³
	Calcium oxide	1305-78-8	5 mg/m ³
	Titanium Dioxide	13463-67-7	15 mg/m ³
	Silica, cristobalite	14464-46-1	.025 mg/m ³
	Tridymite	15468-32-3	.05 mg/m ³
Quartz	14808-60-7	.025 mg/m ³	

Engineering Controls	Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains should be
Personal Protection Measures	Protective goggles. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.

Section 9. Physical and Chemical Properties

Physical State	Solid	Flammability	Not available
Colour	Grey	Flammability LEL/UEL	Not available
Odour	Earthy	Viscosity @ 25°C (cSt)	Not available
Odour Threshold	Not available	Vapour Pressure (@ 20°C)	Not available
pH	11-Sep	Vapour Density [Air = 1]	Not available
Melting Point (°C/°F)	Not available	Density (g/cm3)	2.65
Freezing Point (°C/°F)	Not available	Solubility	Water: insoluble
Boiling Point (°C)	Not available	Auto-Ignition Temperature	Not available
Flash Point (°C/°F)	Not available	Decomposition Temperature	Not available
		Particle Size	Not available

Section 10. Stability and Reactivity

Chemical Reactivity/Stability	Reacts with water. Hazardous reactions may occur on contact with certain chemicals. Refer
Conditions to Avoid	Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible

Incompatible Materials	Strong acids. Strong oxidizers. Water.
Hazardous Decomposition Products	The decomposition products are corrosive and hazardous to health.

Section 11. Toxicological Information

Likely Routes of Exposure	-	
	Acute Symptoms / Effects	Chronic Symptoms / Effects
Eye Contact	Redness, pain, swelling, itching, burning, tearing, and	Serious eye damage.
Skin Contact	Redness, pain, swelling, itching, burning, dyness, and	Serious skin damage.
Inhalation	Respiratory irritation.	Cause lung damage in the form of silicosis.
Ingestion	Likely to be harmful or have adverse effects.	May cause damage to organs.
Germ Cell Mutagenicity/Carcinogenicity/Reproductive Toxicity/STOT	Not classified/May cause cancer/Not classified/Causes	
Ingredient	Numerical Measures of Toxicity	
Silica, amorphous	LD50 Oral Rat: >5000 mg/kg	
	LD50 Dermal Rabbit: >2000 mg/kg	
	LC50 Inhalation Rat: > 2.2 mg/l	
Titanium dioxide	LD50 Oral Rat: >10000 mg/kg	
Calcium oxide	LD50 Oral Rat: >2000 mg/kg	
	LD50 Dermal Rabbit: >2500 mg/kg	
Quartz	LD50 Oral Rat: >5000 mg/kg	
	LD50 Dermal Rat: >5000 mg/kg	

Section 12. Ecological Information

Toxicity	No additional information available.
Persistence/Degradability	Not available.
Mobility in Soil	Not available.
Bioaccumulative Potential	No bioaccumulation expected.
Ingredient	Numerical Measures of Toxicity (acute)
Calcium oxide	LC50 Fish 1: 1070 mg/l
	LC50 Fish 1: 5000 mg/l
	EC50 Daphnia 1: 7600 mg/l

Section 13. Waste Disposal Considerations

Follow all local and national waste management regulations. Consult your local waste authorities for information.

Section 14. Transport Information

U.S. D.O.T. (Non-Bulk Transport)		U.S. D.O.T. (Bulk Transport)	
UN Number	Not Regulated	UN Number	Not Regulated
UN Proper Shipping Name	Not Regulated	UN Proper Shipping Name	Not Regulated
Hazard Class/Packing Group	Not Regulated	Hazard Class/Packing Group	Not Regulated
E.R.G. Number	Not Regulated	E.R.G. Number	Not Regulated
Special Precautions	N/A		

Section 15. Regulatory Information

Precautionary Label Information			
	HMIS	NFPA	Causes skin irritation, serious eye damage, may cause cancer, causes damage to organs through prolonged or repeated exposure.
Health	2	2	
Flammability	1	1	
Reactivity	0	0	
Protection	E	E	
Hazard Symbol(s)			

Section 16. Other Information	
Specification Information	
Department/Person Responsible for Content	PAF HDD Department
Email Address	info@proactionfluids.com
Training Required for Use of Product	None
Intended Use of Product	HDD Chemical
Reason for last reissue of SDS	New product
<i>This product is intended of use by skilled individuals familiar with the intended use and application of the product. Product users do so at their own risk. The information contained herein is based on data considered to be accurate based on the current state of available knowledge. No warranty is expressed or implied regarding the accuracy of the data herein or the results to be obtained by the use thereof.</i>	

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